



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
09/469,485	12/22/99	ZHAO	Q 20369Y

000210
MERCK AND CO INC
P O BOX 2000
RAHWAY NJ 07065-0907

0222/0203

1642

DATE MAILED:

02/03/00

NOTICE TO FILE MISSING PARTS OF APPLICATION

Filing Date Granted

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the **SURCHARGE** set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a

☐ small entity (statement filed) ☐ non-small entity is \$ 130

☐ 1. The statutory basic filing fee is:

- ☐ missing.
☐ insufficient.

Applicant must submit \$_____ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

☐ 2. The following additional claims fees are due:

\$_____ for _____ total claims over 20.

\$_____ for _____ independent claims over 3.

\$_____ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☒ 3. The oath or declaration:

- ☒ is missing or unsigned.
☐ does not cover the newly submitted items.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

☐ 8. The application was filed in a language other than English.

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

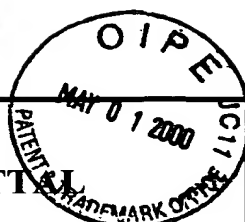
A copy of this notice MUST be returned with the reply.

Encl. enclosed

Customer Service Center
Initial Patent Examination Division (703) 308-1202

05/03/2000 KZEWDIE 00000038 132755 09469485
01 FC:105 130.00 CH

Section \$



FEE TRANSMITTAL

Patent fees are subject to annual revision.

Complete if Known

Application Number	09/469,485
Filing Date	December 22, 1999
First Named Inventor	Zhao, et al.
Examiner Name	
Group Art Unit	
Attorney Docket Number	20369Y

TOTAL AMOUNT OF PAYMENT \$240

METHOD OF PAYMENT (Check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 13-2755

Deposit Account Name Merck & Co., Inc.

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. ☐ Payment Enclosed:

☐ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	690	Utility filing fee	
106	310	Design filing fee	
108	690	Reissue filing fee	
114	150	Provisional filing fee	
SUBTOTAL(1)			\$0

2. EXTRA CLAIM FEES

	Extra	Fee from below	Fee Paid
Total Claims	20	** = 0 x \$18 =	0
Independent Claims	3	** = 0 x \$78 =	0
Multiple Dependent Claims		x \$260 =	

**or number previously paid, if greater; For Reissues, see below

Large Fee Code	Entity Fee (\$)	Fee Description
103	18	Claims in excess of 20
102	78	Independent claims in excess of 3
104	260	Multiple dependent claims
109	78	**Reissue independent claims over original patent
110	18	**Reissue claims in excess of 20 and over original patent
SUBTOTAL(2)		\$0

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	130
147	2,520	For filing a request for reexamination	
115	110	Extension for reply within first month	110
116	380	Extension for reply within second month	
117	870	Extension for reply within third month	
118	1,360	Extension for reply within fourth month	
128	1,850	Extension for reply within fifth month	
119	300	Notice of Appeal	
120	300	Filing a brief in support of an appeal	
121	260	Request for oral hearing	
140	110	Petition to revive - unavoidable	
141	1,210	Petition to revive - unintentional	
142	1,210	Utility issue fee (or reissue)	
143	430	Design issue fee	
122	130	Petitions to the Commissioner	
123	50	Petitions related to provisional applications	
126	240	Submission of Information Disclosure Statement	
581	40	Recording each patent assignment per property (times number of properties)	
146	690	Filing a submission after final rejection (37 CFR 1.129(a))	
149	690	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)			
Other fee (specify)			
SUBTOTAL(3)			\$240

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	Michael D. Yablonsky	Reg. Number	40,407
Signature		Date	April 28, 2000
		Deposit Account User ID	

Application Number: 09/469,485
Filing Date: 12/22/1999
First Named Inventor: Zhao, et al.
Group Art Unit: _____
Examiner Name: _____
Attorney Docket Number: 20369Y

FIRST CLASS MAIL CERTIFICATE

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, ON THE DATE APPEARING BELOW.

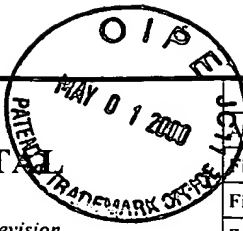
MERCK & CO., INC.

MAILED BY

Nancy E. Yorke

DATE

April 28, 2000



FEE TRANSMITTAL

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Application Number	09/469,485
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<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <input type="text" value="13-2755"/></p> <p>Deposit Account Name <input type="text" value="Merck & Co., Inc."/></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p>2. <input type="checkbox"/> Payment Enclosed:</p> <p><input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>		<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>Surcharge - late filing fee or oath</td><td>130</td></tr> <tr><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>115</td><td>110</td><td>Extension for reply within first month</td><td>110</td></tr> <tr><td>116</td><td>380</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>870</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,360</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,850</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>Request for oral hearing</td><td></td></tr> <tr><td>140</td><td>110</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,210</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,210</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>430</td><td>Design issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>690</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>690</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td colspan="3">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="3">Other fee (specify) _____</td><td></td></tr> <tr> <td colspan="3">SUBTOTAL(3)</td> <td>\$240</td> </tr> </tbody> </table>				Large Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	Surcharge - late filing fee or oath	130	147	2,520	For filing a request for reexamination		115	110	Extension for reply within first month	110	116	380	Extension for reply within second month		117	870	Extension for reply within third month		118	1,360	Extension for reply within fourth month		128	1,850	Extension for reply within fifth month		119	300	Notice of Appeal		120	300	Filing a brief in support of an appeal		121	260	Request for oral hearing		140	110	Petition to revive - unavoidable		141	1,210	Petition to revive - unintentional		142	1,210	Utility issue fee (or reissue)		143	430	Design issue fee		122	130	Petitions to the Commissioner		123	50	Petitions related to provisional applications		126	240	Submission of Information Disclosure Statement		581	40	Recording each patent assignment per property (times number of properties)		146	690	Filing a submission after final rejection (37 CFR 1.129(a))		149	690	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify) _____				Other fee (specify) _____				SUBTOTAL(3)			\$240
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SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	Michael D. Yablonsky			Reg. Number	40,407
Signature				Deposit Account User ID	
Date	April 28, 2000				